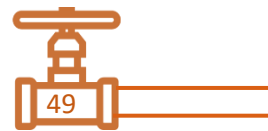


The image features a dark blue background with a complex pattern of white, orange, and light blue lines. These lines are primarily located in the upper portion of the page, creating a sense of depth and movement. A prominent vertical orange line runs down the right side of the page. The text 'PART III: Faculty Members' is centered in the lower half of the page in a bold, orange, sans-serif font.

PART III: Faculty Members



Dr. Mahdi Aliyari Shooredeli

Assistant Professor

Control & Systems Department
Faculty of Electrical Engineering

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Education:

B.Sc.: Electrical Engineering, K. N. Toosi University of Technology, Tehran.

M.Sc.: Control System Design, K. N. Toosi University of Technology, Tehran.

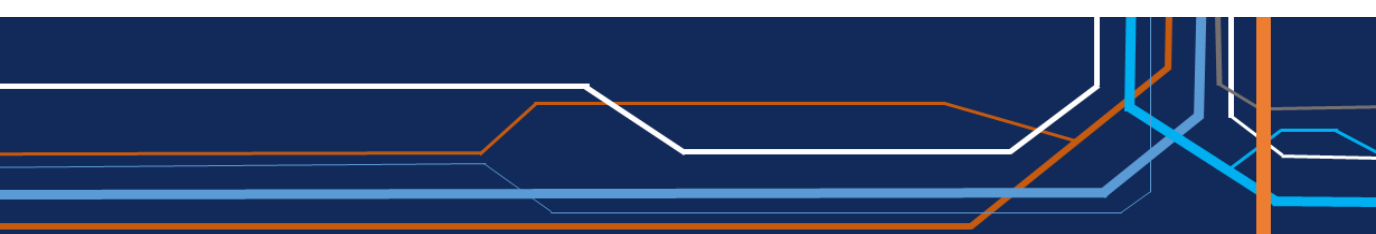
Ph.D.: Control System Design, K. N. Toosi University of Technology, Tehran.

Research interests:

- Fault Diagnosis
- System Identification
- Soft Computing
- Fuzzy and Neural Networks

Office Address:

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Dr. Yazdan Amerian

Assistant Professor

Faculty of Geodesy and Geomatics Engineering

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Personal website: <https://wp.kntu.ac.ir/amerian/>

Education:

B.Sc.: Geomatics Engineering, University of Tehran, Tehran, Iran, 1996-2000.

M.Sc.: Geodesy, K.N. Toosi University of Technology, Tehran, Iran, 2000-2002.

Ph.D.: Geodesy, K.N. Toosi University of Technology, Tehran, Iran, 2008-2013.

Research interests:

- Geodesy
- Satellite Geodesy
- Global Navigation Satellite Systems
- GNSS Remote Sensing
- Approximation Methods in Geodesy

Academic/Industrial Career:

- Head of GIS and RS Center (The Last Position), Exploration Directorate, National Iranian Oil Company (Apr 2003 – Sep 2013)
- Head of Department of Geodesy, Faculty of Geodesy and Geomatics Engineering, K.N. Toosi University of Technology (Oct 2013 – Jan 2017).
- Director of Physical Geodesy and Gravimetry Laboratory, Faculty of Geodesy and Geomatics Engineering, K.N. Toosi University of Technology (Jan 2014 – Present)
- Vice Dean for Research and Technology, Faculty of Geodesy and Geomatics Engineering, K.N. Toosi University of Technology (Nov 2016 – Present).

Office Address:

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Dr. Majid Amidpour

Professor

Energy systems

Faculty of Mechanical Engineering

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Education:

B.Sc.: Chemical Engineering, Tehran University, Tehran, Iran, 1984-1988.

M.Sc.: Process Integration & Energy Conservation, UMIST, Manchester, UK, 1992-1994.

Ph.D.: Process Integration & Energy Conservation, UMIST, Manchester, UK, 1994-1997.

Research interests:

- Energy saving in industry
- Process improvement
- Pinch technology
- Process retrofit
- Water targeting
- Energy efficiency
- Exergy analysis
- Utility selection
- Debottlenecking
- Conceptual design
- Low temperature process
- Pilot plant research
- Energy Modelling

Academic/Industrial Career:

- Head of energy & process optimization Department in IR. R&D
- Research deputy in Iranian research and developing center for chemical industry
- Head of IR.R&D for chemical industry
- Research consultant in ministry of industry (Innovation and energy saving)
- Head of Energy system Engineering
- Consultant Oil and Energy Ministries Company's in Iran
- Managing Board of Iran Energy Association
- Board of research in oil distribution Iranian company
- Three dimensional Gas Refinery Model for phase 2-3 South Pars gas reserve
- Energy saving in Oil & Gas Industry (Gas refinery and petrochemical Industry)

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Box 19395-1999Tehran, Iran.



Dr. Saeed Asil Gharebaghi

Assistant Professor

Civil Engineering Department

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Personal website: <https://wp.kntu.ac.ir/asil/>

Education:

B.Sc.: Civil Engineering Department, Sharif University of Technology, Tehran, Iran. 1991 – 1996.

M.Sc.: Civil Engineering Department, Sharif University of Technology, Tehran, Iran. 1996 – 1998.

Ph.D.: Civil Engineering Department, Sharif University of Technology, Tehran, Iran. 2001-2006.

Research interests:

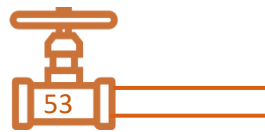
- Parallel Processing
- Numerical Methods
- Three-Dimensional Adaptive Finite Element
- Optimization Methods
- Chaos Theory
- Structural Control
- Software Development for Engineering/Industrial Applications
- Mesh Generation

Academic/Industrial Career:

- Technical Deputy in Tosee Siloha Co. (2006-2011)
- Head of Structural Engineering Department (2012-2013)
- Industrial Relations Manager of the Civil Engineering Faculty (2010-2012)
- University Administrative Affairs Management (2013)
- Design and Implementation of HAMR3D (H-Adaptive mesh refinement program for three-dimensional models). (2004-2006)
- Co-operation in SUT-DAM project, Sharif University of Technology, Tehran, Iran. (2004-2006)

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Dr. Omid Reza Barani

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Civil Engineering Department

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Education:

B.Sc.: Sharif University of Technology, 1999.

M.Sc.: Isfahan University of Technology, 2002.

Ph.D.: Sharif University of Technology, 2010.

Research interests:

- Computational Geomechanics
- Modeling Fractures in Porous Media
- Fracture Mechanics
- Mechanics of Quasibrittle Materials

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**Dr. Hamid Ebadi**

Professor

Department of Photogrammetry and Remote Sensing

Geodesy & Geomatics Faculty

Email: ebadi@kntu.ac.ir**Phone No:** +98 21 88770218**Fax:** +98 21 88786213**Personal website:** <https://wp.kntu.ac.ir/ebadi/>**Education:****B.Sc.:** in Surveying Engineering, K.N. Toosi University of Technology, Tehran, Iran 1984-1988.**M.Sc.:** in Geomatics Engineering, Department of Geodesy and Geomatics Eng, University of New Brunswick, Fredericton, Canada 1991-1993.**Ph.D.:** in Geomatics Engineering, Department of Geomatics Engineering, University of Calgary, Calgary, Canada 1993-1997.**Research interests:**

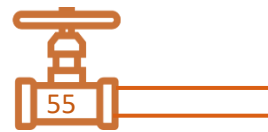
- GPS (Global Positioning System)
- GIS (Geographic Information System)
- Design and Implementation of Applied GISs

Academic/Industrial Career:

- Head of the Department of Geomatics Eng, K.N.Toosi University of Technology, Tehran, Iran, (Jan 2001-March 2003)
- Vice-Dean, Research Affairs, Faculty of Geomatics Eng, K.N.Toosi University of Technology, Tehran, Iran, (March 2003-Oct 2004)
- Vice-Dean, Educational Affairs, Faculty of Geomatics Eng, K.N.Toosi University of Technology, Tehran, Iran, (Oct 2004-March 2005)
- Vice-Dean, Research Affairs, Faculty of Geomatics Eng, K.N.Toosi University of Technology, Tehran, Iran, (March 2005-June 2006)
- Vice-Dean, Educational Affairs, Faculty of Geomatics Eng, K.N.Toosi University of Technology, Tehran, Iran, (June 2007- 2010)
- Dean, Faculty of Geomatics Eng, K.N.Toosi University of Technology, Tehran, Iran, (Nov 2013- now)

Office Address:

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Dr. Alireza Fatehi

Associate Professor
Control & Systems Department
Faculty of Electrical Engineering

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Education:

B.Sc.: Electrical Engineering-Electronics, Isfahan University of Technology, Isfahan, Iran, 1985-1990.

M.Sc.: Electrical Engineering-Control Systems, Tehran University, Tehran, Iran, 1992-1995.

Ph.D.: Electrical Engineering-Control Systems, Tohoku University, Sendai, Japan, 1998-2001.

Research interests:

- Process Control
- Fault Detection
- Soft Sensor
- Model Predictive Controller
- Intelligent Control Systems
- Multiple Modeling and Control
- System Identification
- Industrial Automation

Academic/Industrial Career:

- Causality study on oil recovery in oil-sand extraction unit
- Optimization of water/steam distribution in SAGD process of oil-sands industry
- Commissioning and consulting f several cement plants.
- Design and Construction of PH neutralization and Quadruple- Tank Pilot Plants.
- Advanced process control (APC) system for process plants.
- Application of condition monitoring in oil refinery and processing plants.

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**Dr. Hasan Ghasemzadeh**

Associate Professor

Civil Engineering Department

Email: Ghasemzadeh@kntu.ac.ir**Phone No:** +98 21 8877 9623**Fax:** +98 21 8877 9476**Personal website:** <https://wp.kntu.ac.ir/ghasemzadeh/>**Education:**

B.Sc.: Civil Engineering, Civil engineering Department, Iran University of Science & Technology, Tehran, Iran.

M.Sc.: Geotechnical Engineering, K.N. Toosi University of Technology, Tehran, Iran.

Ph.D.: Geotechnics, Centre d'Enseignement et de Recherche en Mécanique des Sols, Ecole Nationale des ponts et chaussées, (ENPC – CERMES), Paris, France.

Research interests:

- Oil and gas reservoir modeling
- Multiphase multi-component transport in geomaterials
- Wave transmission in elasto-plastic media
- Theoretical and numerical modeling of soil and rock

Academic/Industrial Career:

- A good experience and knowledge in international activities and multidisciplinary industrial project Oil and gas reservoir modeling project and research
- Copper and steel making projects management
- Management and supervision of geomechanical project

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Dr. Mohammad Mohsen Hatami

Associate Professor

Physics department

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Education:

B.Sc.: Physics, Teacher Training University, Tehran, Iran, 1996-2000.

M.Sc.: Physics, Shahid Beheshti University, Tehran, Iran, 2000-2004.

Ph.D.: Photonics, Shahid Beheshti University, Tehran, Iran, 2005-2010.

Research interests:

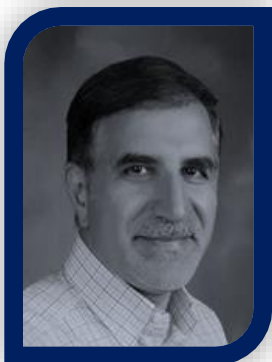
- Plasma surface modification
- Plasma instability

Academic/Industrial Career:

- Research and teaching position

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Dr. Farhang Honarvar

Professor

Mechanical Engineering department

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Education:

B.Sc.: Mechanical Engineering, University of Tehran - Iran, 1988.

M.Sc.: Mechanical Engineering, University of Waterloo – Canada, 1993.

Ph.D.: Mechanical Engineering, University of Toronto – Canada, 1997.

Research interests:

- Ultrasonic nondestructive evaluation of materials
- Signal processing of ultrasonic NDE signals
- Elastic and acoustic wave propagation and scattering
- Measurement Systems

Academic/Industrial Career:

- Management and supervision of ultrasonic nondestructive testing project
- Iranian Society for Nondestructive Testing chair.
- Member of Iranian Society of Acoustics and Vibration (ISAV).
- Managing director of Nasir Journal of Science and Engineering.

Office Address:

Mechanical Engineering department, Faculty of Mechanical Engineering, Vanak Square, Molla-Sadra, Pardis Box 19395-1999Tehran, Iran.



Dr. Faramarz Hossein babaei

Professor

Electrical Engineering department

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Personal website: <http://wp.kntu.ac.ir/fhababaei>

Education:

B.Sc.: Electrical Engineering, Imperial College, London University, UK (1978)

M.Sc.: Materials Sc., Imperial College, London University, UK (1975)

Ph.D.: Electrical Engineering, Amirkabir Industrial University, Tehran, Iran (1971)

Research interests:

- High temperature systems
- electroceramic devices
- electrophoresis and electrophoretic deposition
- gas sensors and e-nose

Academic/Industrial Career:

- Founder and Head, Electronic Materials Laboratory, Faculty of Electrical Engineering, K.N. Toosi University of Technology; since 1983.
- Adjunct Professor, Materials Science Engineering Department, Faculty of Applied Science, UBC (www.ubc.ca), Vancouver, Canada; 2003-2008.
- Cofounder and Member of the Board, Industrial Control Center of Excellence, Tehran, Iran.
- Founder and Chairman of the Board, Exciton Co. Ltd., (www.exciton.ir); since 1979
- Founder and Chairman of the Board, ManzoomehSanat Co. Ltd.; since 1985.
- Founder and Chairman of the Board, HezarehSevom Co. Ltd.; (www.hezare-sevom.ir); since 1998.
- Founder and Chairman of the Board, Iran-Magnatis Co. Ltd. (The first producer of permanent magnets in Iran); 1978-1994
- Co-founder and Member of the Board, Iranian Ceramic Society; 1989-2000
- R&D task team management

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Dr. Mohammad Karimi

Assistant Professor

GIS Department

Geodesy & Geomatics Faculty

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Personal website: <https://wp.kntu.ac.ir/mkarimi/>

Education:

B.Sc.: Surveying Engineering, Tehran University, Tehran, Iran, 1996-2000.

M.Sc.: Geomatics Engineering, GIS, K.N. Toosi University of Technology, Tehran, Iran, 2000-2002.

Ph.D.: Geomatics Engineering, GIS, K.N. Toosi University of Technology, Tehran, Iran, 2005-2010.

Research interests:

- GIS
- land use planning
- spatial planning support system
- potential mapping

Academic/Industrial Career:

- Research Affairs Manager of K.N.Toosi of university

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Dr. Ali Khaki-Sedigh

Professor

Control & Systems Department

Faculty of Electrical Engineering

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Fax: +98 21 88462066

Personal website: <https://wp.kntu.ac.ir/sedigh/>

Education:

B.Sc.: Single Honors Mathematics, University of Newcastle Upon Tyne, England, 1983.

M.Sc.: Control System, UMIST, England, 1985.

Ph.D.: Control Engineering, University of Salford, England, 1988.

Research interests:

- Robust multivariable and Adaptive Control Theory
- Intelligent Control (Genetic Design and Neural Networks)
- Industrial applications of control systems
- Predictability and prediction of system's behavior
- History of Control
- Control loop performance monitoring

Academic/Industrial Career:

- President of K.N. Toosi University of Technology (KNTU), 2003-8, 2013-current
- Head of Electrical Engineering Department 1990-1992 and 1998-1999.
- Visiting Professor in the University of Bremen, Germany, June-July 2000 & July-August 2002.
- Distinguished Professor award, The Academy of Sciences of Iran, 2012
- Distinguished Professor award, IEEE Iran Section, 2014

Office Address:

Faculty of Electrical Eng., K.N. Toosi University of Technology (KNTU), Sayyed Khandan, P.O. Box: 16315-1355, Tehran, Iran.



Dr. Afshin Khoshand

Assistant Professor

Civil Engineering Department

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Education:

B.Sc.: Civil Engineering, Semnan University, Semnan, Iran, 2003-2007.

M.Sc.: Civil Engineering, K. N. Toosi of Technology, Tehran, Iran, 2007-2009.

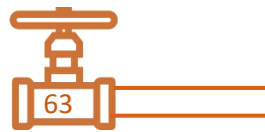
Ph.D.: Civil Engineering, Ottawa University, Ottawa, Canada, 2010-2014.

Academic/Industrial Career:

- Supervised and managed geotechnical site investigation and field tests.
- Conducted geotechnical analysis (stability, stress, and deformation of soil structures)
- Trained and supervised technicians and internship students.

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Dr. Keivan Kiani

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Education:

B.Sc.: Department of Civil Engineering, Isfahan University of Technology, Isfahan, Iran, 1995-1999.

M.Sc.: Department of Civil Engineering, Sharif University of Technology, Tehran, Iran, 1999-2001.

Ph.D.: Department of Civil Engineering, Sharif University of Technology, Tehran, Iran, 2002-2010.

Research interests:

- Vibrations of macro-structures due to moving masses
- Nonlocal continuum-based modeling of nanostructures
- Dynamic interactions between moving nanoparticles and nanoscaled tubes and plates
- Nanofluidic flow-induced vibrations in carbon nanotubes

Academic/Industrial Career:

- Lead contractor for three scientific projects of INSF since 2010.

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Dr. Amirhossein Nikoofard

Assistant Professor

Control & Systems Department

Faculty of Electrical Engineering

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Phone No: +98-21-84062209

Personal website: <https://wp.kntu.ac.ir/a.nikoofard>

Education:

B.Sc.: Electrical Engineering (Control systems) School of Electrical and Computer Engineering University of Tehran, Tehran, Iran, 2004- 2008.

M.Sc.: Electrical Engineering (Control systems) School of Electrical and Computer Engineering University of Tehran, Tehran, Iran, 2008- 2011.

Ph.D.: Electrical Engineering (Control systems) Department of Engineering Cybernetics Norwegian University of Science and Technology (NTNU), 2012- 2016.

Research interests:

- Nonlinear state estimation and system identification,
- Model Predictive Control, Adaptive Control, and Optimization
- Automatic solutions for Oil and Gas industry
- Drilling, Production, Reservoir management,
- Game theory
- Soft computing, such as fuzzy logic, neural networks, and evolutionary algorithms

Academic/Industrial Career:

- Norwegian University of Science and Technology, Trondheim, Norway, 2012-2016 (Researcher)
- Arad Aluminum Construction Engineering, Tehran, Iran, 2011 -2012.
- Iran -Khodro Company, Tehran, Iran, June 2007 -September 2007.

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Dr. Sorour Ramezani-pour

Assistant Professor

Faculty of Chemistry

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Personal website: <http://wp.kntu.ac.ir/ramezani-pour>

Education:

B.Sc.: Pure Chemistry, Imam Khomeini International University, Qazvin, Iran, 1998-2002.

M.Sc.: organic chemistry, K.N. Toosi University of Technology, Tehran, Iran, 2004-2006.

Ph.D.: organic chemistry, K.N. Toosi University of Technology, Tehran, Iran, 2009-2013.

Research interests:

- Synthesis & Purification of some Pharmaceutical (active pharmaceutical ingredient) and another Organic compounds.

Academic/Industrial Career:

- Medicinal chemistry

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Department of Chemistry K. N. Toosi University of Technology P.O. Box: 16315-1618 Tehran, Iran.



Dr. Saeed Rayati

Professor of Chemistry
Chemistry Department

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Phone No: +98 21 23064221

Fax: +98 21 22853650

Personal website: <https://wp.kntu.ac.ir/rayati/>

Education:

B.Sc.: Pure Chemistry, Zanjan, Iran, 1991-1995.

M.Sc.: Inorganic Chemistry, Buo-Ali Sina University, Hamadan, Iran. 1995-1998.

Ph.D.: Inorganic Chemistry, Shiraz University, Shiraz, Iran, 1998-2003.

Research interests:

- Catalysis and biocatalysis: catalytic oxidation of organic compounds in the presence of synthetic metalloporphyrins as model for reactions of cytochrome P-450.
- Material chemistry, Nanocomposite Materials and Nanoparticles
- Nano chemistry and nano catalysts
- Using of metalloporphyrin complexes as chain transfer catalyst in radical polymerization of alkenes.
- Novel metal complexes of symmetrical and non-symmetrical tetradentate Schiff Bases are designed and synthesized.
- Probing the use of new transition metal complexes of Schiff base ligands with a view of creating catalytic of broad applicability

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Dr. Mahmoud Samadpour

Associate Professor

Physics department

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Personal website: <http://wp.kntu.ac.ir/samadpour>

Education:

B.Sc.: Physics, Kharazmi University, Tehran, Iran, 2001-2005.

M.Sc.: Physics, Sharif University of Technology, Tehran, Iran, 2005-2007.

Ph.D.: Nanotechnology, Sharif University of Technology, Tehran, Iran, 2007-2011.

Research interests:

- Nanostructured energy devices,
- Super hydrophobic surfaces,
- Super absorbers for oil and organic contamination

Office Address:

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Dr. Sadegh Seddighi

Assistant Professor

Thermo-Fluid Engineering

Department of Mechanical Engineering

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Personal website: <http://www.sadeghseddighi.ir/>

Education:

B.Sc.: Sharif University of Technology, Mechanical Engineering, Tehran, Iran, 1996-2000.

M.Sc.: Royal Institute of Technology, Mechanical Engineering, Sweden, 2007-2009.

Ph.D.: Chalmers University of Technology, Energy and Environment, Sweden, 2009-2014.

Research interests:

- Energy
- Environment

Academic/Industrial Career:

- K.N. Toosi University of Technology, Assistant Professor of Mechanical Engineering (2014-now)
- Valmet Energy, Sweden & Finland, Research Scientist (2009-2014)
- Chalmers University of Technology, Sweden, Researcher (2009-2014)
- Petropars Ltd., Iran, Field Engineer, Phases 6-8 SP Gas Field Development (2004-2007)
- Civil Services, Iran (2003-2004)
- Railway Research Center, Iran, Mechanical Engineer at Locomotive group (2002-2003)
- Hydro Aerodynamic Laboratory, Iran, Mechanical Engineer (2001-2002)

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Dr. Shahram Seidi

Assistant Professor

Faculty of Chemistry

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Education:

B.Sc.: Applied chemistry, Arak University, Arak, Iran, 2002-2006.

M.Sc.: Analytical chemistry, Shahid Beheshti University, Tehran, Iran, 2006-2008.

Ph.D.: Analytical chemistry Tarbiat Modares University, Tehran, Iran, 2008-2012.

Research interests:

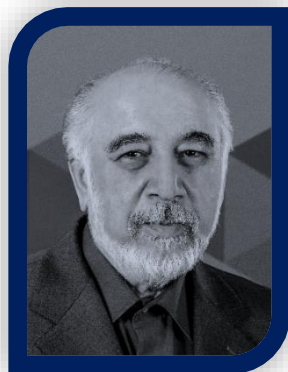
- Extraction and microextraction techniques (sample preparation)
- Pharmaceutical and Biomedical analysis
- Forensic and Narcotic Science
- Atomic Spectroscopy
- Separation Science (GC, HPLC), Lab on a Chip
- Environmental monitoring and pollution research
- Trace metal analysis
- Soil analysis
- Water analysis
- Air analysis

Academic/Industrial Career:

- Assistant Professor of Analytical Chemistry; Research Associate of Faculty of Chemistry
- Member of the Committee on Supplying Equipment and Chemicals of the Iranian Chemical Society

Office Address:

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Dr. Abbas Sha'ri Moghaddam

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Fax: +98 21 88193878

Education:

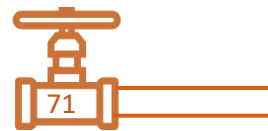
B.Sc. & M.Sc.: B.Sc. & M.Sc.: Electronics Engineering, Amir Kabir University of Technology, Tehran, Iran, 1966.

Academic/Industrial Career:

- Board Member of 4 private companies
- named: Rampco group, Spec, Pidemco, Sana Group. (present)
- Member of trustee Board of 4 universities named: Shiraz, Amirkabir, Elmi Karbordi, Fanni Herfehee. (present), Board Member or Inspector of 3 NGOs named: Iran Management Association, Iranian Society of Instrument & Control Engineers., Iranian Association of Industry & University Relation Development. (present)
- Board Member and vice chairman of NPC (National Petrochemical Co.) (2016)
- Deputy Minister of Oil in charge of Petrochemical and MD of NPC (2013-2016)
- Assistant Managing Director of Nebco (2011-2013)
- Managing Director of Arya "Sasol Polymer Company". (2008-2011)
- Managing Director of Bakhtar Petrochemical Company. (2006-2008)
- Chairman of the Board of Directors and Managing Director of BIPC. (1994-2006)
- Executive Board Member of NPC, acting as: Technical & Operation Director. (1983-1994)
- As, Line Manager & Middle Manager in Elec.& Instrument Maintenance Dept. and Technical services Division in Shiraz Petrochemical Co. (1966-1983).

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Education:

B.Sc.: Sharif University of Technology, Tehran, Iran, 1989.

M.Sc.: Control Engineering, McGill University, Montreal, 1993.

Ph.D.: Control Engineering, McGill University, Montreal, 1997.

Research interests:

- Intelligent Pig
- Autonomous Robotics
- Surgical Robotics
- Parallel and Cable robotics
- Dynamical Systems and Control
- Industrial Robotics and Automation

Academic/Industrial Career:

- Ministry of SRT, Department of Educational Planning , Head of Multidisciplinary Group
- K. N. Toosi U. of Tech., Member of Auditorial Board
- Faculty of Electrical Engineering, Dean
- International Conference on Robotics and Mechatronics, Member of the steering committee
- IEEE Control System Group Chair, Iran Section
- IEEE Senior member of Control System, and Robotics and Automation Societies
- Industrial Control Center of Excellence, K. N. Toosi U. of Tech. Member of the board
- Robotics Society of Iran, Tehran, Member of the board
- International Journal of Robotics, Editorial board
- Mechatronics Magazine, Editor in Chief
- Iranian Society of Mechatronics, Tehran, Vice President and member of the board K.N. Toosi U. of Tech, Tehran, Director of the Office of International Scientific Cooperation (OISC)
- McGill University, Center for Intelligent Machines, Montreal, Visiting Professor
- Iranian Society of Mechatronics, Tehran, Member of the board K.N. Toosi U. of Tech, Tehran, Director of the Department of Systems and Control K.N. Toosi U. of Tech, Tehran, Professor.
- Advanced Robotics and Automated Systems (ARAS), Director of Electrical Engineering Dept.

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Education:

B.Sc.: Surveying Engineering, Tehran University, Tehran, Iran, 1994-1998.

M.Sc.: Geomatics Engineering, K.N.Toosi University of Technology, Tehran, Iran, 1998-2000.

Ph.D.: Geomatics Engineering, K.N.Toosi University of Technology, Tehran, Iran, 2000-2007.

Research interests:

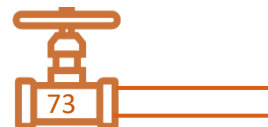
- Public Participation GIS (PPGIS)
- User-Generated Content and Volunteered geographic information (VGI)
- Spatial planning support system (SPSS)
- GIS-based planning and management
- Multi-Objectives and evolutionary algorithms
- 3D GIS & Smart City

Academic/Industrial Career:

- He is a member of Iranian center of excellence in geospatial information technology. Since 2000, he has been a member of Geo-Spatial Information Technology (GIT) research team and worked on several GIS projects in various fields. He has published more than 130 papers in scientific journals and conferences. He is also a member of the editorial board of several scientific journals and organized a set of conferences.

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Education:

B.Sc.: Electrical Engineering, University of Tehran, Tehran, Iran, 1994 -1998.

M.Sc.: Control Engineering, University of Tehran, Tehran, Iran, 1998 – 2000.

Ph.D.: Control Engineering, University of Tehran, Tehran, Iran, 2003 -2009.

Research interests:

- Control systems
- Automation systems
- Networked systems
- Hybrid systems

Academic/Industrial Career:

- Researcher at the Research institute of Petroleum Industry (2009-2010).
- Head of the process control algorithms group at Farineh Fanavar. Co. (2003-2008).

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Education:

B.Sc.: Electrical Engineering, Stony Brook University, NY, USA, 1981.

M.Sc.: Electrical Engineering, Oita University, Japan, 1991.

Ph.D.: Doctor of Philosophy, Saga University, Japan, 1993.

Research interests:

- Artificial Rough and Deep Neural Networks
- Fuzzy Systems and Neural Nets.
- Optimization and its applications in identification, prediction, classification and Control

Academic/Industrial Career:

- Member of Industrial Control Center of Excellence and founder of Intelligent Systems Laboratory (ISLab).
- Head and Co-founder of Intelligent Systems Scientific Society of Iran (ISSSI)
- Member of editorial board of International Journal of Information & Communication Technology Research (IJICTR).

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Education:

B.Sc.: Geomatics Engineering, K. N. Toosi University of Technology, Tehran, Iran, 1984-1988.

M.Sc.: Geomatics Engineering, Geomatics Science, University Laval, Quebec, Canada, 1991-1993.

Ph.D.: Geomatics Engineering, Photogrammetry and Remote Sensing, University of Glasgow, Glasgow, UK, 1993-1997.

Research interests:

- Hyperspectral imaging
- Information Extraction from images

Academic/Industrial Career:

- Director of an 18 months' project entitled: Design and establishment of Iranian National Spectral Library, ISA, Iran. (2012-2014)
- Director of a 6 years' project entitled: Designing, establishing and setting up of National Remote Sensing Laboratory, ISA, Iran. (2008-2014)
- Director of a 12 months' project entitled: Design of a Site for Geometric and Radiometric Calibration of Imaging Sensors, NCC, Iran. (2012-2013)
- Director of a 12 months' project entitled: Development of National Iranian Copper Industries GIS, National Iranian Copper Industries Company, Tehran, Iran. (2010-2011)
- Director of a 12 months' project entitled: Development of Tavanir GIS (2), Ministry of Energy, KNTU, Tehran, Iran. (2010-2011)
- Director of a 9 months' project entitled: Strategic and Action Planning of GIS & Organizational SDI for Ministry of Communication and Information Technology, MCIT, KNTU, Tehran, Iran. (2008-2009)
- Director of a 12 months' project entitled: Design and Implementation of a Software for Management and Presentation of the Satellite Images of Iranian Space Agency, ISA, KNTU, Tehran, Iran. (2007-2008)

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Education:

B.Sc.: Mechanical Engineering, K. N. Toosi University of Technology, Tehran, Iran, 1984.

M.Sc.: Mechanical Engineering, Birmingham University, U.K, 1988.

Ph.D.: Mechanical Engineering Cranfield University, U.K, June 1992.

Research interests:

- Energy conversion
- Turbomachinery

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